

KERN PWS 3000-1



High-resolution precision balance made of stainless steel with IP protection



Construction

Dimensions completely mounted (W×D×H)	310×208×87 mm
Dimensions weighing surface (W×D)	190×190 mm
Material housing	stainless steel
Material weighing plate	stainless steel
Material platform	Stainless steel
Levelling feet adjustable	✓

Functions

Number of keys for operation	9
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
Capacity display	✓
Tare function	manual (multi)
Percentage determination	✓
Counting function	✓
Tolerance weighing	✓
Underfloor weighing	Eye (optional)
Interfaces	RS-232 standard
IP protection - complete device	IP65

Counting

Smallest piece weight when piece counting - laboratory conditions	100 mg
Smallest piece weight when piece counting - normal conditions	1 g
Counting reference weight can be entered	✓
Reference quantity	5, 10, 30, 100
Counting resolution (laboratory conditions)	32.000

Power Supply

Input voltage power supply / power [Max]	100 V - 240 V AC 50/60 Hz 0,3 A
Input voltage device / power [Max]	5,95 V, 1 A
Plug-in power supply type	Power adapter
Supplied plug-in power supply	Power supply unit
Plug-in power supply / adapter for countries - included with the delivery	EURO AUS UK US CH
Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
Battery	4×1.5 V AA
Battery operating time	200 h

Category

Brand	KERN
Product category	Laboratory balances
Product group	Precision balances

Measuring System

Readability [d]	0,1 g
Weighing capacity [Max]	3200 g
Number of weighing ranges	1
Eccentric loading at 1/3 [Max]	0,3 g
Reproducibility	0,1 g
Linearity	± 0,1 g
Weighing system	Tuning fork
Resolution	32.000
Tare range	8200 g
Units	kg g ct
Default unit	g
Stabilization time	3 s
Warm-up time	120 min
Adjustment options	Adjusting with external weight
Recommended adjusting weight	3 kg (F1)

Approval

CE mark	✓
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Display

Display digit height	16,5 mm
Display backlight	✓
Display screen size	109×27 mm
Languages of the user interface	Symbol language

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Battery operating time - backlight on	32 h
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Battery operating time - backlight off	200 h
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Environmental conditions

Humidity of environment [Max]	80 %
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Ambient temperature [Min]	10 °C
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Ambient temperature [Max]	30 °C
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Packing & Shipping

Readability force [d] (N)	1 d
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Shipping method	Parcel service
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Dimensions packaging (W×D×H)	325×405×230 mm
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Net weight approx.	1,6 kg
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Gross weight approx.	3,0 kg
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Services (optional)

Article number for adjustment at the location of installation	961-247
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Article number for DAkkS calibration	963-127
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Piktogramme

STANDARD



OPTION

